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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/011,022	11/13/2001	Kirstan Anderson Vandersluis	XAW-0101C	1491
25007	7590	05/19/2006		
LAW OFFICE OF DALE B. HALLING, LLC 655 SOUTHPOINTE COURT, SUITE 100 COLORADO SPRINGS, CO 80906			EXAMINER JUNG, DAVID YIUK	
			ART UNIT 2134	PAPER NUMBER

DATE MAILED: 05/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/011,022

Applicant(s)

VANDERSLUIS, KIRSTAN  
ANDERSON

Examiner

David Y. Jung

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 01 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 16-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 16-28 is/are allowed.
- 6) ☒ Claim(s) 29-38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### CLAIMS PRESENTED

Claims 16-38 are presented.

#### *Allowable Subject Matter*

<sup>28</sup>  
Claims 16-~~29~~ are allowed.

The following is an examiner's statement of reasons for allowance: The particular user defined document definition file in such particular context of other limitations of the claims are not found or taught by the prior art..

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### *Response to Arguments*

In contrast to claims 16-28, claims 29-39 remain rejected. Regarding claims 29-38, one notes that the claims do not recite the user-defined nature of the document definition file as recited in claim 16. Furthermore, there is no recitation of the particular features that limit the meaning of the term "document definition file" to the extent of the arguments presented in the file history (such as in the Request for Pre-Appeal Conference).

Thus, the term "document definition file" must be interpreted reasonably broadly. Literally, the term "document definition" has traditionally been used broadly. As an example of its usage and not necessarily as a relied prior art in this particular Office

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Action, one may look to US Patent 5,202,977 (Pesetes, Jr. et al.), column 7, lines 5-56. Note how the document definitions in EDI are used to handle hierarchical data. Claims 29-38 are directed to document definitions used to handle hierarchical data. Thus, one can be reasonably decide that the terms and phrases of the claims can be interpreted broadly unless otherwise contradicted by the other terms of the claims themselves (as in the allowed claims).

As for the other words, the claims use the phrases "document definition file" and "hierarchical data server." As for the term "file" in the phrase "document definition file" and the term "server" in the phrase "hierarchical data server", one would assume that one of ordinary skill in the art would be aware of such "file" and "server." Therefore, the claims must remain rejected.

## **CLAIM REJECTIONS**

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 29-38 remain rejected as in the previous Office Actions.

## ***Conclusion***

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The art made of record and not relied upon is considered pertinent to applicant's disclosure. The art disclosed general background.

***Points of Contact***

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(571) 273-8300, (for formal communications intended for entry)

**Or:**

(571) 273-3836 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Jung whose telephone number is (571) 272-3836 or Jacques Louis-Jacques whose telephone number is (571) 272-6962.


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David Jung

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Patent Examiner

5/15/06

A handwritten signature in black ink, consisting of a large, stylized 'D' followed by a series of loops and a long, sweeping horizontal stroke that curves upwards at the end.